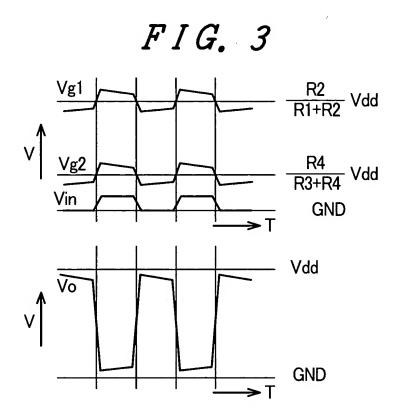
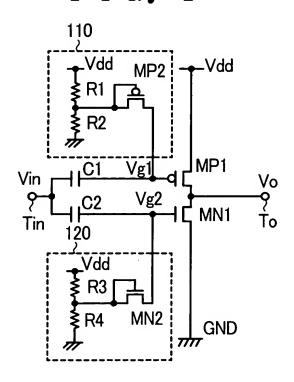
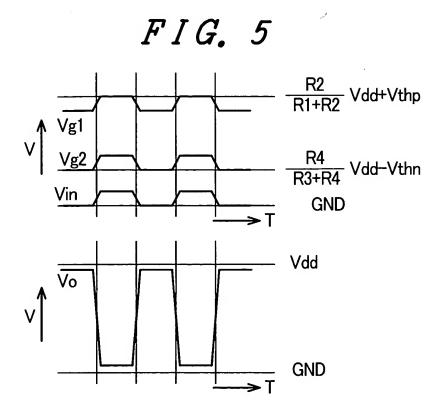


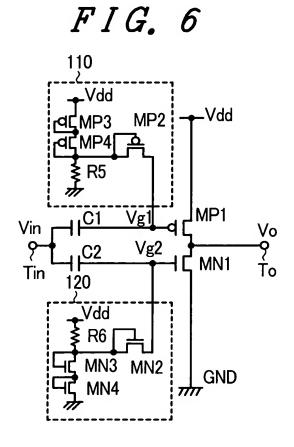
F I G. 2 110 Vdd _Vdd ≹ R1 ₹ R2 C1 Vg1 MP1 Vin Vo C2 Vg2 ? Tin MN1 120 Vdd ≸ R3 **≱** R4 GND



F I G. 4







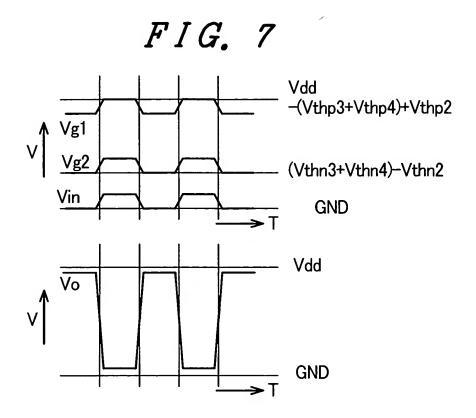
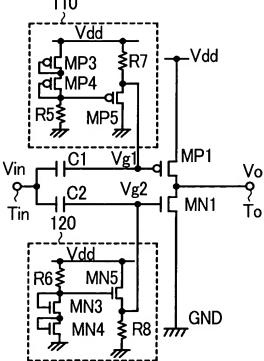


FIG. 8



F I G. 9

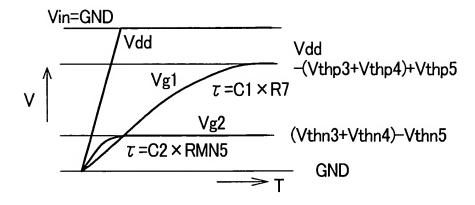


FIG. 10

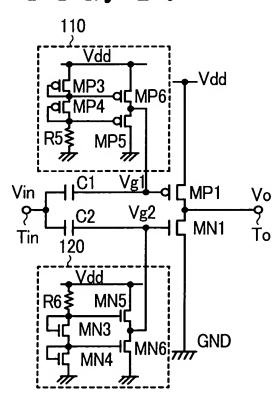


FIG. 11 Vctp 110 Vdd -Vdd rackMP3 Vin d[MP1 Vo <u>C2</u> Vg2 -9 To MN1 Tin 120 Vdd MN₅ **R6**: MN3 | GND MN4 SMN6 ዛር MN7

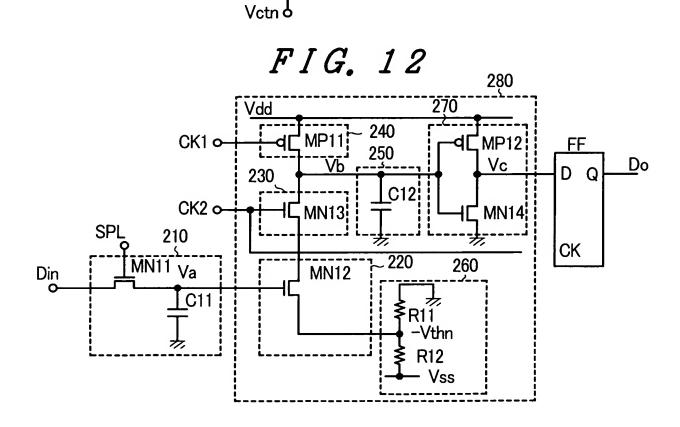
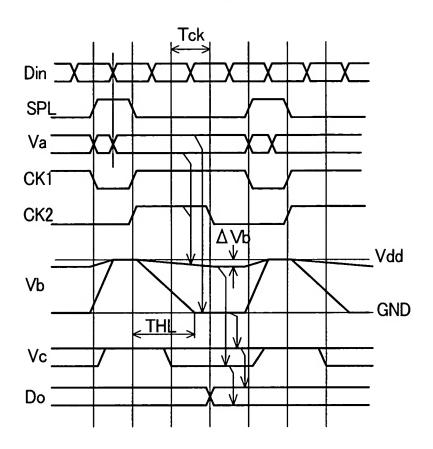


FIG. 13



$$\Delta Vb = \frac{Ioff(MN12) \times 2Tck}{C12}$$

$$THL = \frac{C12 \times Vdd}{Ion (MN12)}$$

